THE HERALD.

Dynamite as an Explosive.

St. Louis has a magazine of this great place the other day, and gives some mature explosion. The house where similitude of white quartz. the dynamite is stowed is about fifteen Though the hissing was tremendous, from the ground.

Mr. Julian unlocked the iron magazine door and proceeded to scramble in with a lighted eigar in his mouth.

Faber, who was, however, by no other day, no explosion attending means reassured by the carelessness with which he knocked the boxes of the awful substance to and fro, with the most reckless disregard of common impressions concerning dynamite. Finally, selecting a twenty-five pound box, he pitched it out of the door, down to the ground, a distance of six mony. Visions of the Mosel and caredreadful day of her disaster, came before the eyes of the Globe-Democrat over two or three times, as if specially to provoke Providence, but nothing In order, finally, to prove that the an ax, a procession was formed to the bank of the river, close by, where a took the box and threw it over the pace, which was fully equaled by that Also the largest assortment of bank on some stones at the bottom. of the other eager scientists. The box was shattered, the dynamite flew in all directions, and was scattered

sides of the box, brought it up, and hand, passed it over to another. for the first time the press man gazed Subsequent inquiries revealed the guests began to pick up pieces of the powder and examine it.

"What is it made of?" "Nitro-glycerine and earth."

"In what proportions?"

"We usually use about seventy-five per cent. of nitro-glycerine, though oc- which amounts to more than fifty casionally if any one wants more, sev- thousand pounds a year. Mr. Julian enty-eight per cent. is put in, and the thinks that the Thomas explosion was powder shipped to him at once. Powder made with more than seventy-five that there must have been fulminate per cent. nitro-glycerine is never stored."

"Where do you get the earth?" "It comes from Germany. Occasionally we use California earth, and

sometimes sawdust, in manufacturing the second quality." "How many qualities are there?"

"Three; but the only difference between the first and second is in the quantity of other substances. The third grade is made of nitro-glycerine and saw dust."

"And is there no danger of this pile exploding as long as it is frozen?

"It is perfectly impossible for it to explode while it is frozen, and after it is thawed it can be fired only with a matter of economy to practice virtue w. H. MAUEY. cap and fuse."

"Will percussion explode it?"

"I'll show you." Taking the ax, Mr. Julian proceeded to strike the pile of dirty-looking cylinders, breaking them and scattering the scraps and fragments in every direction, while the bystanders looked on,

but no concussion followed. "Now I'll burn a little, to show that it will not expplode from fire."

The fragments were gathered into a little pile, several whole and broken 22nd. cylinders were lain on, for good measarre, apparently, and the powder man cooly stooped over the heap, containing dynamite enough to lay in ruins any house in St. Louis, and, striking a published in the United States.

match, applied it to the substance. The flame caught, slawly at first, rapidly afterward, now on a little projection, then on a round surface, until the whole pile was burning with a fierce Globe Democrat reporter visited the pink fiame and intense brilliancy, and within a dozen feet of it. For several STAPLE AND FANCY GROCERIES. interesting notes. Mr. Fred. Julian, minutes it hissed and glowed, and No. 200, Main Street, bet. Eighth and Ninth the agent, showed the reporter that then subsided, leaving a rock-like resthere was not the least danger of a pre-idue, which speedily hardened to the LOUISVILLE, KY.

feet square, of course has no windows, and the light and heat overpowering, and but one metal door, several feet there was not the faintest explosion. Mr. Julian stated that in the burning of the meter ten thousand pounds of dynamite burned without explosion, and that the company he represents This proceeding was viewed with no lost two thousand pounds by the burnlittle misgivings by the night of the ling of the Jersey City warehouse the

either calamity. After showing that it could not be hammered into explosion, nor pursuaded to go off by any other way than comparatively slow combustion, Mr. Julian proceeded to demonstrate that when frozen it could not be exploded or eight feet, without the least cere-A stick of dynamite was suitably preless handling of the fatal freight on that pared by a little boring with a penknife to receive the cap and fuse; the ROOMS AT ONE DOLLAR A DAY latter was lighted, the cap went off with a sharp report, but the chunk of exground with a sharp rattle, and rolled plosive was found cracked and broken by the explosion of the cap, but other-

material could be exploded, the dynawas not repeated, and no remains had mite man took a portion of an unfroto be gathered up with shovels. Clams zen cartridge, which he carried in his bering down, and taking the box and pocket, and the lookers on could not fail to be impressed with the small size of the piece, and the effect the operahigh bank presented a favorable spot for experiments. The theory that for experiments. The theory that the fuse, and after warning the others dynamite can be exploded by a sudden to get at a respectful distance, he jar or concussion, is utterly scouted by placed the charge beneath the river Men Lulian and in proof of his earnest land large loose stones. Men & Boys Clothing! Mr. Julian, and in proof of his earnest bank, among some large, loose stones, belief in his assertion that it would not lighted the fuse, and, hastily scramb- BOOTS, SHOES, HATS, CAPS, BLANKETS, explode under such circumstances, he ling up the bank, "lit out" at his best

A safe distance was attained, and, here and there over the rocks, but no like that of a twelve-pounder was heard | Ever brought to this market, all of which "I propose to show you that the and stones and dirt flew up vigorously." theory of dynamite becoming danger- Examination revealed the fact that the Millinery Goods! ous by disintegration, in freezing, is blocks of stone were thrown hither and utterly absurd. I have given the dyn- thither, a large quantity of dirt from amite as severe a jar as is necessary to the bank had been shaken down, and have exploded it, had it been possible quite noticeable effects had resulted. N. B.-The very highest market to explode it in that way. When fro In answer to the inquiry as to whether price will be paid for feathers, hides n, it is impossible to explode it at all, the unfrozen dynamite was liable to exand even when thawed and in a pliable plode from an accidental spark, Mr. state, it can be exploded only by the Julian simply took a long cartridge of of a suitable percussion cap and unfrozen substance, and, lighting one end of it with a match, held it in his The man of giant powder then de- hand while burning. The Globe-Demscended, and gathered up all the dyna- ocrat man, anxious to distinguish himmite that had not fallen into the river, self, reached for it, and, holding it till and laying it on one of the shattered the burning drops of fluid fell on his

on the dreadful compound. It looked fact that dynamite, though having harmless enough then, being a sort of eight times the explosive force of gungrayish yellow material in cylindrical powder, is regarded by all the railroad sticks, eight inches long, and one inch companies as perfectly harmless, being and a quarter in diameter. Encour- shiped as ordinary freight over all aged by the boldness of Julian, his American roads. The principal factory of the Atlantic Giant Powder Company is at Drakesville, New Jersey, and there is a branch factory in infusorial California. The use of it in this country is much more general among miners than is usually supposed, as may be judged by the sale in Missouri, not caused by the fall of the cask, but caps prepared, and the sudden jar to the clock-work caused the explosion of these, and consequently of the dynamite. It has been stated that dynamite cartridges are prepared with a fulminate cap ready for explosion, but this is absurd. No factory in the world would run the risk of manufac-

turing such cartridges. All persons over a hundred years All persons over a hundred years hand and for sale.

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more than ten virtues. At a recent fair held in Baltimore a chair was voted to the laziest policeman, but he was too lazy to accept it.

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tee will meet in Washington Febuary sale cheaper than any house in town.

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